COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

U.S. Serial No.	Filing Date	Status
below and, insofar as the subject States application in the manner	matter of each of the claims of this app provided by the first paragraph of Title 3 on I know to be material to patentability ame available between the filing date of	120 of any United States application(s) listed liteation is not disclosed in the prior United 55, United States Code, §112, I acknowledge y as defined in Title 37, Code of Federal the prior application and the national or PCT
U.S. Serial No.	Filing Date	Status
I hereby claim the benef application(s) listed below:	it under Title 35, United States Code, §	119(e)(1) of any United States provisional
Title 37, Code of Federal Regula	tions, §1.56.	material to patentability in accordance with
including the claims, as amended	e reviewed and understand the contents of by any amendment referred to above.	
on	and as amended under	and was amended on filed PCT Article 19 on
the specification of which:		
joint inventor (if plural names are	listed below) of the subject matter which	h is claimed and for which a patent is sought ETHOD OF DRIVING THE SAMI
, , 1		ame is listed below) or an original, first and

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
Japan	2000-249087	August 18, 2000	[X] Yes [] No [] Yes [] No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John F. Hayden, Reg. No. 37,640; Scott C. Harris, Reg. No. 32,030; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; William E. Booth, Reg. No. 28,933; Ruffin B. Cordell, Reg. No. 33,487; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; Ralph A.

Combined Declaration and Power of Attorney

Page 2 of 2 Pages

Mittelberger, Reg. No. 33,195; John B. Pegram, Reg. No. 25,198; Rene D. Tegtmeyer, Reg. No. 33,567; Charles C. Winchester, Reg. No. 21,040; William D. Hare, Reg. No. 40,739; James E. Mirose, Reg. No. 33,264; Lauren A. Degnan, Reg. No. 40,584; Andrew F. Bodendorf, Reg. No. 39,537; Robert V. Racunas, Tr., Reg. No. 43,027; Diana DiBerardino, Reg. No. 45,653; W. Karl Renner, Reg. No. 41,265; Joseph F. Key, Reg. No. 44,827; Harold H. Fox, Reg. No. 44,98; Scott R. Boalick, Reg. No. 42,337; Oseph V. Colaianni, Tr., Reg. No. 99,48; Gregory A. Walters, Reg. No. 41,366; R. Whitney Winston, Reg. No. 44,332; Bing Ai, Reg. No. 43,312; N. Thane Bauz, Reg. No. 41,604; Robert Bedgood, Ph.D., Reg. No.43,488; Gregory P. Einhorn, Reg. No. 38,440; Diane L. Gardner, Reg. No. 36,518; James T. Hagler, Reg. No. 40,631; Kenyon S. Jenckes, Reg. No. 41,278; Samuel S. Lee, Reg. No. 42,791; Christopher S. Marchese, Reg. No. 37,177; Todd G. Miller, Reg. No. 42,003; Shekhar Vyas, Reg. No. 46,166; and John R. Wetherell, Jr., Ph.D., Reg. No. 31,678

Address all telephone calls to John F. Hayden at telephone number (202) 783-5070.

Address all correspondence to John F. Hayden at:

FISH & RICHARDSON P.C. 601 Thirteenth St., N.W. Washington, DC 20005

I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date: 68/03/200/

Date: 08/04/2001

Full Name of Inventor: Jun KOYAMA

Inventor's Signature: Residence Address:

Citizenship: Post Office Address: Kanagawa, Japan

Japanese

C/O Semiconductor Energy Laboratory Co., Ltd. 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

Full Name of Inventor:

Shunpei YAMAZAKI

Tokyo, Jap

Inventor's Signature: Residence Address: Citizenship:

Citizenship: Post Office Address: Japanese C/O Semiconductor Energy Laboratory Co., Ltd.

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan